Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2022-02-23-19**

Date: 20/04/2021

Project Name : Construction of ward office additional work, furniture etc in ward no.05, Byatarayanapura.

Agency : Sri. S K Keshavamurthy #104, Sampigehalli, Jakkur Post, Bangalore-560064

Customer's Reference : EE(Project)/Ynk Zone/WO/175/2020-21

Date of Receipt : 16-04-21

Customer ID : Head Room Column Cocrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 20/04/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Head Room Column Cocrete	M25	13/04/2021	20/04/2021	150.46 X 150.45 X 150.31	22637	**8.211**	538.1	23.8	23.0
2	Head Room Column Cocrete	M25	13/04/2021	20/04/2021	150.53 X 151.17 X 149.49	22756	**9.095**	518.6	22.8	
3	Head Room Column Cocrete	M25	13/04/2021	20/04/2021	150.77 X 149.50 X 150.76	22540	**8.863**	508.1	22.5	

* The results obtained are satisfactory as per standard requirements.

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2022-02-23-19**

Date: 11/05/2021

Project Name : Construction of ward office additional work, furniture etc in ward no.05, Byatarayanapura.

Agency : Sri. S K Keshavamurthy #104, Sampigehalli, Jakkur Post, Bangalore-560064

Customer's Reference : EE(Project)/Ynk Zone/WO/175/2020-21

Date of Receipt : 16-04-21

Customer ID : Head Room Column Cocrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 11/05/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Head Room Column Cocrete	M25	13/04/2021	11/05/2021	149.92 X 150.58 X 151.44	22575	**8.898**	619.0	27.4	27.4
2	Head Room Column Cocrete	M25	13/04/2021	11/05/2021	150.26 X 149.65 X 149.50	22487	**8.865**	599.9	26.7	
3	Head Room Column Cocrete	M25	13/04/2021	11/05/2021	150.19 X 151.66 X 149.57	22777	**8.947**	640.1	28.1	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2022-02-23-19 **Date: 22/03/2021**

Project Name : Construction of ward office additional work, furniture etc in ward no.05, Byatarayanapura.

Agency : Sri. S K Keshavamurthy #104, Sampigehalli, Jakkur Post, Bangalore-560064

Customer's Reference : EE(Project)/Ynk Zone/WO/175/2020-21

Date of Receipt : 16-03-21

Customer ID : Second floor Lintel Cocrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 21/03/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Second floor Lintel Cocrete	M25	14/03/2021	21/03/2021	149.54 X 151.62 X 149.04	22673	**8.311**	543.2	24.0	23.0
2	Second floor Lintel Cocrete	M25	14/03/2021	21/03/2021	151.27 X 151.80 X 150.45	22962	**8.576**	521.8	22.7	
3	Second floor Lintel Cocrete	M25	14/03/2021	21/03/2021	149.22 X 150.32 X 149.93	22429	**8.857**	502.7	22.4	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2022-02-23-19**

Date: 12/04/2021

Project Name : Construction of ward office additional work, furniture etc in ward no.05, Byatarayanapura.

Agency : Sri. S K Keshavamurthy #104, Sampigehalli, Jakkur Post, Bangalore-560064

Customer's Reference : EE(Project)/Ynk Zone/WO/175/2020-21

Date of Receipt : 16-03-21

Customer ID : Second floor Lintel Cocrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 11/04/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Second floor Lintel Cocrete	M25	14/03/2021	11/04/2021	149.68 X 151.81 X 149.38	22723	8.377	626.0	27.5	27.6
2	Second floor Lintel Cocrete	M25	14/03/2021	11/04/2021	151.24 X 150.40 X 150.79	22745	8.199	611.5	26.9	
3	Second floor Lintel Cocrete	M25	14/03/2021	11/04/2021	149.45 X 149.92 X 150.17	22406	8.793	634.4	28.3	

* The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2022-02-23-19**

Date: 05/04/2021

Project Name : Construction of ward office additional work, furniture etc in ward no.05, Byatarayanapura.

Agency : Sri. S K Keshavamurthy #104, Sampigehalli, Jakkur Post, Bangalore-560064

Customer's Reference : EE(Project)/Ynk Zone/WO/175/2020-21

Date of Receipt : 31-03-21

Customer ID : Second floor Staircase Cocrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 05/04/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Second floor Staircase Cocrete	M25	29/03/2021	05/04/2021	150.68 X 151.00 X 151.73	22753	**8.720**	529.5	23.3	22.5
2	Second floor Staircase Cocrete	M25	29/03/2021	05/04/2021	151.65 X 151.04 X 149.88	22905	**8.548**	505.1	22.1	
3	Second floor Staircase Cocrete	M25	29/03/2021	05/04/2021	149.65 X 151.20 X 151.82	22626	**8.180**	501.9	22.2	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2022-02-23-19**

Date: 26/04/2021

Project Name : Construction of ward office additional work, furniture etc in ward no.05, Byatarayanapura.

Agency : Sri. S K Keshavamurthy #104, Sampigehalli, Jakkur Post, Bangalore-560064

Customer's Reference : EE(Project)/Ynk Zone/WO/175/2020-21

Date of Receipt : 31-03-21

Customer ID : Second floor Staircase Cocrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 26/04/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Second floor Staircase Cocrete	M25	29/03/2021	26/04/2021	150.80 X 151.02 X 151.96	22774	**8.200**	625.1	27.4	27.6
2	Second floor Staircase Cocrete	M25	29/03/2021	26/04/2021	151.36 X 150.69 X 150.79	22809	**8.445**	611.3	26.8	
3	Second floor Staircase Cocrete	M25	29/03/2021	26/04/2021	149.51 X 150.67 X 151.03	22527	**9.006**	641.2	28.5	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT ON PHYSICAL REQUIREMENTS OF SOLID CONCRETE BLOCKS

Lab ID	:	**CP-2022-02-23-19**
Project Name	:	Construction of ward office additional work, furniture etc in ward no.05, Byatarayanapura. **Date: 26-02-21**
Agency	:	Sri. S K Keshavamurthy #104, Sampigehalli, Jakkur Post, Bangalore-560064
Customer's Reference	:	EE(Project)/Ynk Zone/WO/175/2020-21
Date of Receipt	:	22-02-21
Sample Type/Size	:	Solid concrete blocks size (400X100X200)mm
Reference to BIS codes	:	IS : 2185 (Part 1) : 2005(RA 2010) Concrete Masonry Specification Part 1:Hollow and Solid Concrete Blocks (Dimensions -Annex-B, Clause 9.2 and 10 , Block density Annex - C Clause 9.3 and10, Compressive strength Annex -D Clause 9.4 and 10, Water absorption Annex -E Clause 9.5 and 10)
Date of test	:	22-02-21

BLOCK DENSITY:

Sl. No.	Measurement of overall Dimensions of Individual Blocks			Overall Volume of the Block in Cubic Centimetres	Weight of Oven Dried Block in Kilograms to the nearest 10 Gram	Block Density in Kg/cum*10^6	Avg.Block Density in (Kg/cum)	As per IS 2185(Part 1) :2005 (RA 2010)
	Length	Breadth	Height					
	mm	mm	mm	(Cm^3)	Kg	Kg/m^3	Kg/m^3	
1	403	103	203	8426	16.037	1903.1	2002.9	Not less than 1800Kg/m^3
2	403	101	198	8059	16.663	2067.5		
3	400	98	202	7918	16.137	2037.9		

WATER ABSORPTION:

Sl. No.	Wet weight after water absorption	Dry weight (Oven dry)	Water Absorption	Avg.Water Absorption	As per IS 2185(Part 1):2005 (RA 2010)
	kg	kg	%	%	
1	18.91	17.99	4.89	4.25	Shall not be more than 10% by mass
2	17.57	16.82	4.28		
3	17.44	16.82	3.59		

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Lab ID : **CP-2022-02-23-19** **Date: 26-02-21**

DIMENSION ANALYSIS

Sl.no	Length mm	Breadth mm	Height mm	Requirement as per IS 2185(Part 1):2005
1	403	102	200	Length : ± 5mm Breadth : ± 3mm Height : ± 3mm
2	400	102	200	
3	404	99	201	
4	402	101	200	
5	402	101	200	
6	400	102	200	
7	400	99	199	
8	404	99	203	
9	400	101	201	
10	399	102	199	
11	401	101	202	
12	402	100	201	
13	399	102	200	
14	401	101	199	
15	400	102	202	
16	400	101	200	
17	401	102	200	
18	404	102	200	
19	399	100	201	
20	402	101	200	
Average of 20	**401**	**101**	**200**	

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Lab ID : **CP-2022-02-23-19**

COMPRESSIVE STRENGTH: **Date: 26-02-21**

Sl. No.	Size of solid block		Area	Failure Load	Compressive strength	Average Compressive strength
	Length	Breadth				
	mm	mm	(mm^2)	(KN)	N/mm^2	(N/mm^2)
1	400	102	40837	186.5	4.6	4.6
2	400	102	40689	187.2	4.6	
3	404	99	40121	188.3	4.7	
4	402	101	40432	186.3	4.6	
5	402	101	40565	184.8	4.6	
6	400	102	41005	189.1	4.6	
7	400	99	39748	184.4	4.6	
8	404	99	40162	188.0	4.7	

As per IS Requirements (Table 2, Clause 5.1, 5.2 and 9.4)

Compressive strength		
Grade	Minimum average	Minimum Individual units.
C (5.0)	5.00 N/mm^2	4.00 N/mm^2
C (4.0)	4.00 N/mm^2	3.20 N/mm^2

* The Results Obtained are Satisfactory as per Standard Requirements

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Format No: CP/TF/01

TEST REPORT ON PHYSICAL REQUIREMENTS OF SOLID CONCRETE BLOCKS

Lab ID	:	**CP-2022-02-23-19** **Date: 26-02-21**
Project Name	:	Construction of ward office additional work, furniture etc in ward no.05, Byatarayanapura.
Agency	:	Sri. S K Keshavamurthy #104, Sampigehalli, Jakkur Post, Bangalore-560064
Customer's Reference	:	EE(Project)/Ynk Zone/WO/175/2020-21
Date of Receipt	:	22-02-21
Sample Type/Size	:	Solid concrete blocks size (400X200X200)mm
Reference to BIS codes	:	IS : 2185 (Part 1) : 2005(RA 2010) Concrete Masonry Specification Part 1:Hollow and Solid Concrete Blocks (Dimensions -Annex-B, Clause 9.2 and 10 , Block density Annex - C Clause 9.3 and10, Compressive strength Annex -D Clause 9.4 and 10, Water absorption Annex -E Clause 9.5 and 10)
Date of test	:	22-02-21

BLOCK DENSITY:

Sl. No.	Measurement of overall Dimensions of Individual Blocks			Overall Volume of the Block in Cubic Centimetres	Weight of Oven Dried Block in Kilograms to the nearest 10 Gram	Block Density in Kg/cum*10^6	Avg.Block Density in (Kg/cum)	As per IS 2185(Part 1) :2005 (RA 2010)
	Length	Breadth	Height					
	mm	mm	mm	(Cm^3)	Kg	Kg/m^3	Kg/m^3	
1	400	199	200	15920	31.589	1984.2	2014.8	Not less than 1800Kg/m^3
2	400	199	198	15761	33.522	2126.9		
3	401	203	199	16199	31.318	1933.3		

WATER ABSORPTION:

Sl. No.	Wet weight after water absorption	Dry weight (Oven dry)	Water Absorption	Avg.Water Absorption	As per IS 2185(Part 1):2005 (RA 2010)
	kg	kg	%	%	
1	33.58	31.94	4.89	4.25	Shall not be more than 10% by mass
2	32.85	31.44	4.28		
3	32.79	31.61	3.59		

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Lab ID : **CP-2022-02-23-19**

Date: 26-02-21

DIMENSION ANALYSIS

Sl.no	Length mm	Breadth mm	Height mm	Requirement as per IS 2185(Part 1):2005
1	400	202	201	
2	401	201	202	
3	402	200	203	
4	400	201	201	
5	401	200	200	
6	401	200	200	
7	402	200	202	
8	401	202	202	
9	402	201	201	
10	401	201	203	
11	400	202	200	Length : ± 5mm Breadth : ± 3mm Height : ± 3mm
12	402	203	202	
13	403	200	201	
14	401	201	200	
15	400	202	203	
16	402	201	202	
17	403	200	201	
18	401	200	201	
19	400	201	200	
20	401	202	200	
Average of 20	**401**	**201**	**201**	

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Lab ID : CP-2022-02-23-19

COMPRESSIVE STRENGTH: **Date: 26-02-21**

Sl. No.	Size of solid block		Area	Failure Load	Compressive strength	Average Compressive strength
	Length	Breadth				
	mm	mm	(mm^2)	(KN)	N/mm^2	(N/mm^2)
1	400	202	80800	455.2	5.6	5.3
2	401	201	80601	432.1	5.4	
3	402	200	80400	420.9	5.2	
4	400	201	80400	435.6	5.4	
5	401	200	80200	413.5	5.2	
6	401	200	80200	420.5	5.2	
7	402	200	80400	432.8	5.4	
8	401	202	81002	411.9	5.1	

As per IS Requirements (Table 2, Clause 5.1, 5.2 and 9.4)

Grade	Compressive strength	
	Minimum average	Minimum Individual units.
C (5.0)	5.00 N/mm^2	4.00 N/mm^2
C (4.0)	4.00 N/mm^2	3.20 N/mm^2

* The Results Obtained are Satisfactory as per Standard Requirements

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TEST RESULTES FOR MS HOLLOW PIPE

Lab ID : **CP-2022-02-23-19** **Date: 25-04-21**

Agency : Construction of ward office additional work, furniture etc in ward no.05, Byatarayanapura.

Project Name : Sri. S K Keshavamurthy #104, Sampigehalli, Jakkur Post, Bangalore-560064

Customer's Reference : EE(Project)/Ynk Zone/WO/175/2020-21

Date of Receipt : 23-04-21

Type of Sample : M.S Hollow Pipe

Reference to BIS codes : IS:1608-2005(RA 2011), IS 1599-2012.

Date of testing : 23-04-21

TESTS RESULTS FOR MS HOLLOW PIPE 15MM DIA, 16 GAUGE				
Sl. No	Description	Result	Required as per as IS Code 2062: 2011	Remarks
1	Yeild Stress (N/mm2)	286	250N/mm^2	Satisfactory
2	Tensile Strength (N/mm2)	510	410N/mm^2	Satisfactory
3	Elongation Percentage (%)	24.5	Min 23%	Satisfactory

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CERAMIC TILES

Lab ID : **CP-2022-02-23-19** **Date: 29-04-21**

Project Name : Construction of ward office additional work, furniture etc in ward no.05, Byatarayanapura.

Agency : Sri. S K Keshavamurthy #104, Sampigehalli, Jakkur Post, Bangalore-560064

Customer's Reference : EE(Project)/Ynk Zone/WO/175/2020-21

Date of Receipt : 23-04-21

Sample Type/ Size : Ceramic tiles (300X300)mm

Reference to BIS codes : IS 13630 (part 1) : 2006, IS 15622:2006

Date of test : 23-04-21

MEASUREMENTS OF LENGTH, WIDTH AND THICKNESS

Number Of Specimen	Length measured at position 5mm from the corner		Breadth measured at position 5mm from the corner		Thickness measured at thickest part, 4 diagonal segment			
	1	2	1	2	1	2	3	4
1	300	300	300	300	6.02	6.04	6.02	6.01
2	300	300	300	300	6.03	6.03	6.01	6.01
3	300	300	300	300	6.01	6.04	6.03	6.03
4	300	300	300	300	5.98	6.01	6.02	6.02
5	300	300	300	300	6.01	6.04	6.01	6.00
6	300	300	300	300	6.03	6.02	6.02	6.01
7	300	300	300	300	6.03	6.01	6.03	6.01
8	300	300	300	300	6.02	6.02	6.04	6.03
9	300	300	300	300	6.04	6.04	6.02	6.04
10	300	300	300	300	6.04	6.01	6.05	6.04
Average	300		300		6.02			

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TEST REPORT OF CERAMIC TILES

WATER ABSORPTION

Sl.no	Weight of oven dry sample	Saturated weight of sample	Water absorption by mass	Average value of water absorption
1	1425	1455	2.11	2.83
2	1428	1464	2.52	
3	1432	1498	4.61	
4	1422	1454	2.25	
5	1430	1468	2.66	

MODULUS OF RUPTURE AND BREAKING STRENGTH

Sl.No

Sl.No.	Dimension (mm)			Wet Transverse Strength	Average
	L	B	T	(N/mm^2)	(N/mm^2)
1	300	300	6.02	14.2	14.4
2	300	300	6.03	14.1	
3	300	300	6.01	14.9	
4	300	300	5.98	14.2	
5	300	300	6.01	14.7	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT FOR PLASTER SAND

Lab ID	:	**CP-2022-02-23-19** **Date: 04-05-21**
Project Name	:	Construction of ward office additional work, furniture etc in ward no.05, Byatarayanapura.
Agency	:	Sri. S K Keshavamurthy #104, Sampigehalli, Jakkur Post, Bangalore-560064
Customer's Reference	:	EE(Project)/Ynk Zone/WO/175/2020-21
Date of Receipt	:	30-04-21
Sample Type	:	Plaster Sand
Reference to BIS codes	:	IS: 383 : 2016 (Specification for Coarse and fine Aggregates) IS1542:1992 (Sand for Plaster - Specification) IS: 2386 :1963(Part - 1, 3) RA2012 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption
Date of test	:	30-04-21
Total weight taken	:	1000 grams

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS 1542:1992
1	10 mm	0	0	0	100	100
2	4.75 mm	12	12	1.2	98.8	95-100
3	2.36 mm	22	34	3.4	96.6	95-100
4	1.18 mm	55	89	8.9	91.1	90-100
5	600 micron	57	146	14.6	85.4	80-100
6	300 micron	215	361	36.1	63.9	20-65
7	150 micron	548	909	90.9	9.1	0-15
8	Pan	91	1000	100	0	---

AE

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HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES

TEST REPORT OF FINE AGGREGATE

Lab ID : **CP-2022-02-23-19** **Date: 04-05-21**

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS 383:2016
1	Water Absorption(%)	1.72	–
2	Specific Gravity	2.51	–
3	Material finer than 75 micron(%)	9.1	Uncrushed fine Aggregate Max 3%, Crushed Fine aggregate Max 15%, Mixed Fine aggregate Max 12%, Manufactured Fine aggregate Max 10%

* The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
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Authorized Signatory
Quality Manager

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TEST RESULTS OF STEEL

Lab ID : **CP-2022-02-23-19** **Date: 18-02-21**

Project Name : Construction of ward office additional work, furniture etc in ward no.05, Byatarayanapura.

Agency : Sri. S K Keshavamurthy #104, Sampigehalli, Jakkur Post, Bangalore-560064

Customer's Reference : EE(Project)/Ynk Zone/WO/175/2020-21

Date of Receipt : 16-02-21

Sample Type : Sunvik

Reference to BIS codes : IS 1786-2008, IS:1608-2005(RA 2011), IS 1599-2012.

Date of test: : 17-02-21

Sl.No	Identification of sample	Grade of the sample	Diameter of the steel bar	Weight of the sample	Yield stress	Tensile strength	Elongation	Bend test	Rebend test
			(mm)	(kg/m)	(N/mm2)	(N/mm2)	(%)		
1	Sunvik	Fe500	8	0.395	532	652	21.0%	Satisfactory	Satisfactory
2	Sunvik	Fe500	10	0.612	546	653	19.0%	Satisfactory	Satisfactory
3	Sunvik	Fe500	12	0.884	563	672	19.0%	Satisfactory	Satisfactory
4	Sunvik	Fe500	16	1.581	572	674	19.0%	Satisfactory	Satisfactory
5	Sunvik	Fe500	20	2.476	584	693	19.0%	Satisfactory	Satisfactory
6	Sunvik	Fe500	25	3.472	597	712	18.0%	Satisfactory	Satisfactory
7	Sunvik	Fe500	32	6.318	608	725	18.0%	Satisfactory	Satisfactory

* The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2022-02-23-19**

Date: 06/03/2021

Project Name : Construction of ward office additional work, furniture etc in ward no.05, Byatarayanapura.

Agency : Sri. S K Keshavamurthy #104, Sampigehalli, Jakkur Post, Bangalore-560064

Customer's Reference : EE(Project)/Ynk Zone/WO/175/2020-21

Date of Receipt : 01-03-21

Customer ID : Second floor Column Cocrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 06/03/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Second floor Column Cocrete	M25	27/02/2021	06/03/2021	151.20 X 149.79 X 151.90	22648	8.923	539.2	23.8	23.1
2	Second floor Column Cocrete	M25	27/02/2021	06/03/2021	151.10 X 150.66 X 150.13	22765	8.408	520.3	22.9	
3	Second floor Column Cocrete	M25	27/02/2021	06/03/2021	151.59 X 150.65 X 149.31	22837	8.901	515.4	22.6	

* The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2022-02-23-19** **Date: 27/03/2021**

Project Name : Construction of ward office additional work, furniture etc in ward no.05, Byatarayanapura.

Agency : Sri. S K Keshavamurthy #104, Sampigehalli, Jakkur Post, Bangalore-560064

Customer's Reference : EE(Project)/Ynk Zone/WO/175/2020-21

Date of Receipt : 01-03-21

Customer ID : Second floor Column Cocrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 27/03/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Second floor Column Cocrete	M25	27/02/2021	27/03/2021	149.52 X 151.02 X 149.66	22581	8.542	627.7	27.8	27.6
2	Second floor Column Cocrete	M25	27/02/2021	27/03/2021	149.51 X 149.58 X 150.37	22363	8.379	602.8	27.0	
3	Second floor Column Cocrete	M25	27/02/2021	27/03/2021	150.73 X 150.31 X 150.94	22656	8.914	636.6	28.1	

* The results obtained are satisfactory as per standard requirements.

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****End of Report****